

ABSTRACT OF THE DISCLOSURE

5 A footwear manufacturing system for providing an efficient and economical
system for manufacturing affordable custom footwear. The footwear manufacturing
system includes measuring a foot, creating a foot profile, transmitting the foot profile to
a manufacturing station, utilizing the foot profile to generate a positive impression
within a mold, and injecting the mold with a liquid forming about the positive
10 impression and hardening. Various foot measuring techniques may be utilized to create
the foot profile. The manufacturing station preferably utilizes a mold utilizing a
plurality of adjustable pins that manipulate a membrane within the mold to create the
positive impression.

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| <input type="checkbox"/> | <input type="checkbox"/> | 40. Mold |
| <input type="checkbox"/> | <input type="checkbox"/> | 41. |
| <input type="checkbox"/> | <input type="checkbox"/> | 42. Upper Portion |
| <input type="checkbox"/> | <input type="checkbox"/> | 43. |
| <input type="checkbox"/> | <input type="checkbox"/> | 44. Lower Portion |
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| <input type="checkbox"/> | <input type="checkbox"/> | 46. Cavity |
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| <input type="checkbox"/> | <input type="checkbox"/> | 50. Membrane |
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| <input type="checkbox"/> | <input type="checkbox"/> | 60. Forming Unit |
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| <input type="checkbox"/> | <input type="checkbox"/> | 62. Pins |
| <input type="checkbox"/> | <input type="checkbox"/> | 63. |
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| <input type="checkbox"/> | <input type="checkbox"/> | 65. |
| <input type="checkbox"/> | <input type="checkbox"/> | 66. |
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